Date:

Wednesday, 16/07/2008 3:30:48 PM

Ŭser: Julie Lecocq **Process Sheet** : AFT FACING SEAT ASS'Y LH : CU-DAR001 Dart Helicopters Services **Drawing Name** Customer Job Number : 40000 : 13306 **Estimate Number** : D412769043 **Part Number** P.O. Number : 16/07/2008 S.O. No. : - D412-769-1 REVB **Drawing Number** This Issue : N/A : NC **Project Number** Prsht Rev. : SMALL /MED FAB : B : 11 Type First Issue **Drawing Revision** : 40000 Material **Previous Run Due Date** : 31/07/2008 Qty: 1 Um: Each Written By **Checked & Approved By** Comment : Est rev A 08.05-12 new issue DD verified by:EC 08-07-17 revB as per dwg DD verified by:ec Est Rev:B **Additional Product** Job Number: Description: Machine Or Operation: Seq. #: 1.0 PACKAGING 1 PACKAGING RESOURCE #1 Comment: PACKAGING RESOURCE #1 Pick Packing Kit D3782045 Back Leg Assembly Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Back Leg Assembly batch: 13 40 30C D3782041 Front Inboard Leg Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Front Inboard Leg Assembly batch: B 40 303 D3782043 Front Outboard Leg Assembly, LH 4.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Front Outboard Leg Assembly, LH batch: 17 40 304 D3783041 5.0 Lateral Brace Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s)

Page 1

Lateral Brace Assembly batch: 540 309

Form: rprocess

W/O:			WORK ORDER	CHANGES				
DATE	STEP	PROG	CEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No	):	PAR #:	Fault Category:	NCR: Ye	es No DC	A:	Date: _	
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Wednesday, 16/07/2008 3:30:48 PM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40000 Part Number: D412769043 Job Number: Sea. #: Description: Machine Or Operation: D3783043 6.0 Longitudinal Brace Assembly Comment: Qtv.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Longitudinal Brace Assembly 1 batch: 13 40308 D3783045 7.0 Angle Brace Assembly Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Angle Brace Assembly batch: 13 40 309 D3784041 8.0 Seat Support Assembly, Center Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, Center batch: B \$ 0 6 59 D3784043 9.0 Seat Support Assembly, LH Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Seat Support Assembly, LH batch: B-(0 660 10.0 D3784044 Seat Support Assembly, RH Comment: Qty.: Total: 1.0000 Each(s) 1.0000 Each(s)/Unit Seat Support Assembly, RH batch: B 406C1 11.0 D37661 Front Rail, LH Comment: Qty.: Total: 1.0000 Each(s)/Unit 1.0000 Each(s) Front Rail 1341217 batch: D37663 12.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Rear Rail Sn 08/03/14 batch: B40716

W/O:		WORK ORDER C	HANGES				
DATE	STEP	P PROCEDURE CHANGE			Qty	Approval Chief Eng / Prod Mgr	Approval QC inspector

Part No: DH12-769-043 PAR #: No Fault Category: FAB-5MMed. NCR: Yes No DQA: Date: 08.08-21

QA: N/C Closed: Date: 08.08-21

NCR:4	3000	W	ORK OR	DER NON-CONFORMANCE	(NCR)			
DATE STEP		Description of NC	Corrective Action Section B			Verification	Approval	Approval
DATE	SIEF	Section A	Initial Chief Ang	Action Description  Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
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Wednesday, 16/07/2008 3:30:48 PM Julie Lecocq User: **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40000 Part Number: D412769043 Job Number: Seq. #: **Machine Or Operation:** Description: D37671 Upper Rail 13.0 Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) Upper Rail batch: 1840 711 D37921 14.0 Seat Belt Eye Bolt Comment: Qty.: 3.0000 Each(s)/Unit Total: 3.0000 Each(s) Seat Belt Eye Bolt batch: B 40999 AN415A Bolt 15.0 Comment: Qty.: Total: 2.0000 Each(s)/Unit 2.0000 Each(s) Bolt batch: M 108077 16.0 EYE BOLT Comment: Qty.: 1.0000 Each(s)/Unit Total: 1.0000 Each(s) **EYE BOLT** batch: M 107938 17.0 Bolt Comment: Qty.: Total: 6.0000 Each(s)/Unit 6.0000 Each(s) Bolt M 107534 batch: 18.0 AN513A Bolt Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) **Bolt** M 108167 batch:\_ 19.0 AN960JD10 Washer Comment: Qty.: Total: 21.0000 Each(s) 21.0000 Each(s)/Unit Washer batch: M 108558 (or NAS1149D0363J) batch:

Form: rprocess

Page 3

W/O:		WORK ORDER CH	HANGES				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Part No: 0412-769-043 PAR #: Fault Category:	NCR. NO DQA:	Date: <u>08.08.2</u> \
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		Description of NC		Corrective Action Section B	******	Verification	Approval	Approval
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				PAR cancelled.			!	

Wednesday, 16/07/2008 3:30:48 PM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Part Number: D412769043 Job Number: 40000 Job Number: Seq. #: Description: Machine Or Operation: AN960JD416 20.0 Washer Comment: Qty.: 4.0000 Each(s)/Unit Total: 4.0000 Each(s) Washer batch: M 108 141 (or NAS1149D0463J) batch: AN960JD516 Washer 21.0 Comment: Qty.: 20.0000 Each(s)/Unit Total: 20.0000 Each(s) Washer batch: M 108246 (or NAS1149D0568J) batch:\_ 22.0 AN52510R24 Screw Comment: Qty.: 9.0000 Each(s) 9.0000 Each(s)/Unit Total: Screw batch:\_ MS21042L3 Nut 23.0 Comment: Qty.: 9.0000 Each(s)/Unit Total: 9.0000 Each(s) Nut batch: M W7665 24.0 MS21042L4 Nut Total: Comment: Qty.: 2.0000 Each(s)/Unit 2.0000 Each(s) Nut batch: M U 3 4 80 25.0 MS21042L5 Nut Comment: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s) Nut M1084712 batch:\_

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Wednesday, 16/07/2008 3:30:48 PM Date: User: Julie Lecocq **Process Sheet** Drawing Name: AFT FACING SEAT ASS'Y LH Customer: CU-DAR001 Dart Helicopters Services Job Number: 40000 Part Number: D412769043 Job Number: Seq. #: **Machine Or Operation:** Description: SMALL FAB 1 SMALL & MEDIUM FAB RESOURCE 1 26.0 Comment: SMALL MEDIUM FAB RESOURCE 1 1- assemble as per dwg D412-769-1 27.0 QC5 INSPECT WORK TO CURRENT STEP **CURRENT STEP** Comment: INSPE POWDER COATING POWDER COATING 28.0 M106442 Comment: POWDER COATING 1- mask D3782-041 and D3782-043 front legs and D3787-1 foot as per dwg D412-769-041 2- Powder coat remainig of assembly grey as per dwg D412-769-1 Powder Coat Grey Sandtex (Ref. 4.3.5.6) as per QSI 005 4.3 START TIME: **OVEN TEMPERATURE:** FINISH TIME: INSPECT POWDER COAT/CHEMICAL CONVERSION 29.0 QC3 Comment: INSPECT POWDER COAT/CHEMICAL CONVERSION DE-08 PACKAGING 1 PACKAGING RESOURCE #1 30.0 Comment: PACKAGING RESOURCE #1 Pick Packing Kit 31.0 Guard Comment: Qty.: 2.0000 Each(s)/Unit Total: 2.0000 Each(s) Guard batch: 170658

W/O:			WO	RK ORDER CHANG	ES				
DATE	STEP	PR	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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Wednesday, 16/07/2008 3:30:48 PM Date: User: 🗽 Julie Lecocq **Process Sheet** Customer: CU-DAR001 Dart Helicopters Services Drawing Name: AFT FACING SEAT ASS'Y LH Job Number: 40000 Part Number: D412769043 Job Number: Seq. #: Machine Or Operation: Description: D37741 Seat Bottom, LH/RH 32.0 Total: Comment: Qty.: 1.0000 Each(s)/Unit 1.0000 Each(s) Seat Bottom, LH 7028J batch: 1.2 D37743 Seat Back, LH/RH 33.0 Comment: Qty.: Total: 1.0000 Each(s)/Unit 1.0000 Each(s) Seat Bottom, LH batch: B 4058 8 34.0 Screw Comment: Qty.: Total: .0000 Each(s)/Unit 13.0000 Each(s) Screw batch: 35.0 AN960JD10L Washer Comment: Qty.: Total: 13.0000 Each(s) Washer batch: M (05 793 (or NAS1149D0332J) batch: 36.0 MS21042L3 Nut Comment: Qty.: 19.0000 Each(s)/Unit Total: 19.0000 Each(s) Nut batch: 37.0 AN35A Bolt Comment: Qty.: 6.0000 Each(s)/Unit Total: 6.0000 Each(s) Bolt batch: M(50 (88 SMALL FAB SMALL & MEDIUM FAB RESOURCE 1 38.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 1- install remaining parts as per dwg D412-769-1

Form: rprocess

Page 6

W/O:		WORK ORDER CH	ANGES	·······		İ	
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspecto
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Wednesday, 16/07/2008 3:30:48 PM

Julie Lecocq

**Process Sheet** 

Customer: CU-DAR001 Dart Helicopters Services

Drawing Name: AFT FACING SEAT ASS'Y LH

Job Number: 40000

Part Number: D412769043

Job Number:



Seq. #:

**Machine Or Operation:** 

Description:

39.0

QC5

INSPECT WORK

CURRENT STEP

Comment: INSPECT WORK TO CURRENT STEP

40.0

PACKAGING 1

PACKAGING RESOURCE #1



Comment: PACKAGING RESOURCE #1

Identify and Stock

Location:\_

41.0

QC21

FINAL INSPECTION/W/O RELEASE







08/08/19 \*\*

Job Completion



U 08, 08.15

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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QA: N/C Closed: \_\_\_\_ Date: \_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date	- Verification Section C	Approval Chief Eng	Approval QC Inspector	
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D412-769-043 AFT FACING SEAT ASSY, LH

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В	NEW HARDWARE HS			08.06.25
Α	NEW ISSUE HS 08.06.0			08.06.04
REV.	DESCRIPTION BY DATE			DATE
DESIG	N	HS	DART AEROSPACE LTD	
DRAINN HE		LIC	CHARGE CONTACTO CANADA	

HAWKESBURY, ONTARIO, CANADA
DRAWING NO.
D412-769-1
SHEE
TITLE
AFT FACING SEAT ASSY, LH
THE COPPRIGHT 0 2009 BY DART AEROSPACE LTD
THE COPPRIGHT 0 2009 BY DART AEROSPACE LTD
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APPROVED DE APPR.

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SCALE NTS

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REV. B SHEET 1 OF 7

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WITHOUT NOTICE

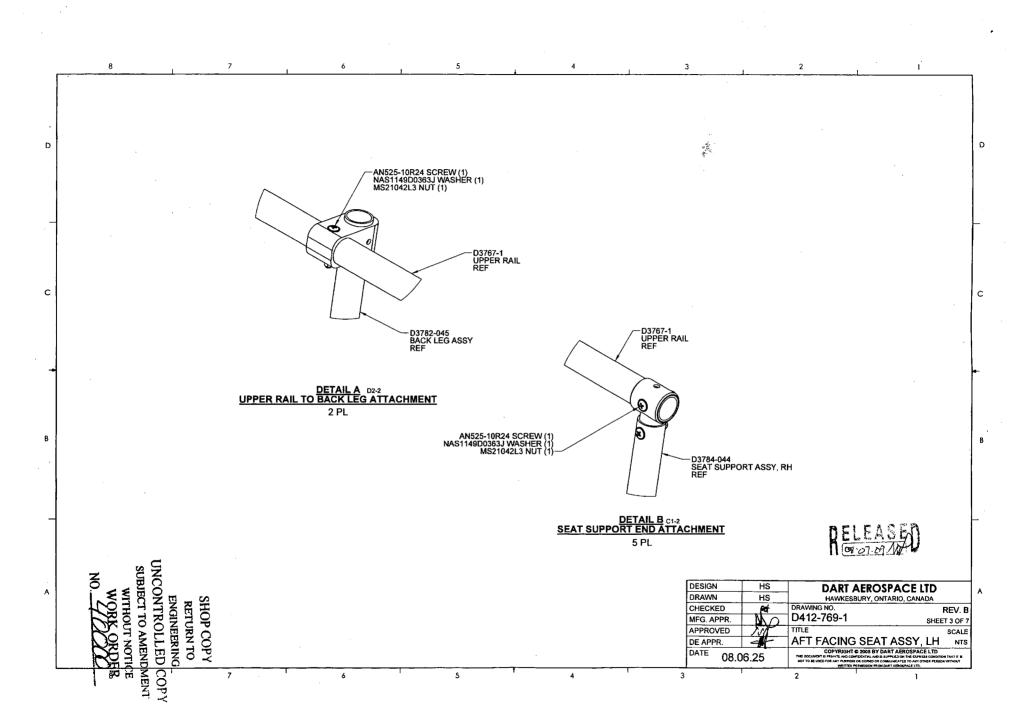
	ITEM NO.	PART NUMBER	DESCRIPTION	QTY. (-043)
	1	D3782-045	BACK LEG ASSY	2
	<sup>11</sup> 2	D3782-041	FRONT INBOARD LEG ASSY	1
	4 3	D3782-043	FRONT OUTBOARD LEG ASSY, LH	. 1
	4	D3783-041	LATERAL BRACE ASSY	1
	5	D3783-043	LONGITUDINAL BRACE ASSY	2
	6	D3783-045	ANGLE BRACE ASSY	1
	7	D3784-041	SEAT SUPPORT ASSY	1
	8	D3784-043	SEAT SUPPORT ASSY, LH	1
	9	D3784-044	SEAT SUPPORT ASSY, RH	1
	10	D3766-1	FRONT RAIL, LH	1
	11	D3766-3	REAR RAIL	1
	12	D3767-1	UPPER RAIL	1
	13	D3792-1	SEAT BELT EYE BOLT	3
	14	D3775-1	GUARD	2
	15	D3774-1	SEAT BOTTOM	1
	16	D3774-3	SEAT BACK	1
	17	AN3-5A	BOLT	6
	18	AN4-15A	BOLT	2
	19	AN45-13A	EYE BOLT	1
	20	AN5-10A	BOLT	6
	21	AN5-13A	BOLT	2
/B\	22	AN525-10R22	SCREW	13
7B\	23	AN525-10R24	SCREW	9
	24	MS21042L3	NUT	28
	25	MS21042L4	NUT	2
	26	MS21042L5	NUT	12
	27	NAS1149D0332J	WASHER (AN960JD10L)	13
	28	NAS1149D0363J	WASHER (AN960JD10)	21
	29	NAS1149D0463J	WASHER (AN960JD416)	4
	30	NAS1149D0568J	WASHER (AN960JD516)	20

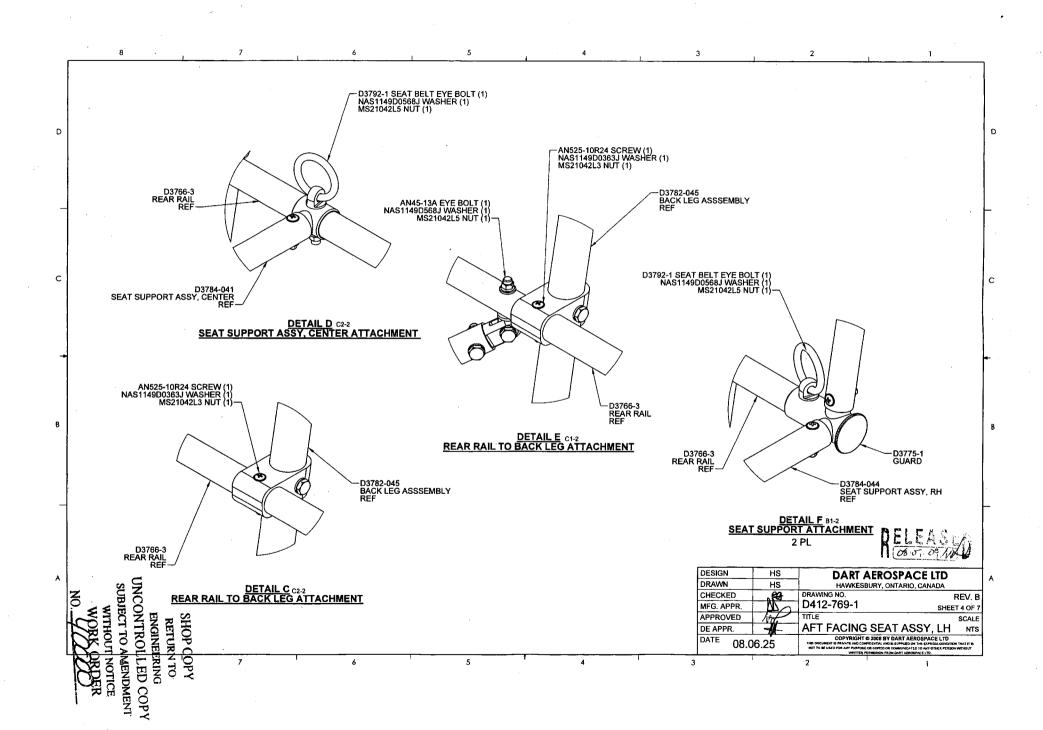
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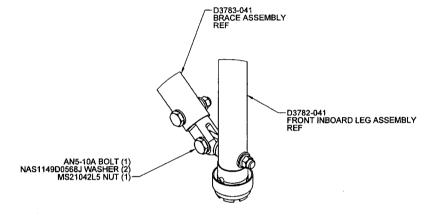
D412-769-043 AFT FACING SEAT ASSY, LH

DESIGN	HS	DART AEROSPACE LTD		
DRAWN	HS	HAWKESBURY, ONTARIO, CANADA		
CHECKED	1 8H	DRAWING NO. REV. B		
MFG. APPR.	200	D412-769-1 SHEET 2 OF 7		
APPROVED	Ind	TITLE SCALE		
DE APPR.	74	AFT FACING SEAT ASSY, LH NTS		
DATE 08.0	6.25	THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PRIPOSED OR CORPERIOR COMMUNICATED TO ANY OTHER PERSON WITHOUT WAITTEN PERMISSION PROMOMENT ASSESSMENCE LTD.		

NOTES:
1) MATERIAL: N/A
2) FINISH: POWDER COAT ASSEMBLED SEAT "GREY SANDTEX" (4.3.5.6) PER DART QSI 005 4.3 PRIOR
TO INSTALLATION OF SEAT BOTTOM/BACK (D3774-1/-3). MASK FRONT LEGS PRIOR TO POWDER COAT.
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: JAICHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDEOTIFIES ATTON: IDENTIFY WITH D2729-1 RED DECAL ATTACHED TO BACK LEG ASSEMBLY (D3782-045)
7) WEIGHT 30.0 lbs
8) JEEM 150 3774-1 SEAT BOTTOM) AND ITEM 16 (D3774-3 SEAT BACK) REMOVED FOR CLARITY
10 AMEN DOT 10 AMEN DOT 10 TO AMEN DOT 10 AME







DETAIL G<sub>B2-2</sub> BRACE ATTACHMENT

6 PL

DART AEROSPACE LTD

HAWKESBURY, ONTARIO, CANADA

DRAWING NO.

D412-769-1

TITLE

AFT FACING SEAT ASSY, LH

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